

**ABSTRACT****Cholesterol-Containing Compounds  
and Their Use as Immunogens Against *Borrelia burgdorferi***

Unique compounds that can be used for inducing an immune response to *Borrelia burgdorferi* in a subject by administering a therapeutically effective amount of the glycolipid to the subject. Such administration is particularly useful for preventing or treating Lyme disease in a subject. The compounds(s), and therapeutically acceptable salts thereof, may be formulated into pharmaceutical or immunogenic compositions.